

Table 2-1
City of Rockville Potential Stormwater Management Facility Improvement Sites

Project Name	Location	Existing Concerns	Alternatives Considered	Potential Improvement Description	Additional Information
Burgundy Estates	Underground facility, adjacent to Edmonston Dr.		<ul style="list-style-type: none"> ■ Sand filter ■ Bioretention 	None at this time.	
Calvin Park	Calvin Park	High SW flows from uncontrolled sources causing significant downstream erosion	<ul style="list-style-type: none"> ■ Underground pipe storage 	Build underground pipe storage under existing athletic facilities.	Improvement will not be pursued at this time due to extremely high cost & space constraints
Croyden Park	Underground facility, near Crabb Ave and Stonestreet Ave		<ul style="list-style-type: none"> ■ Sand filter ■ Bioretention 	None at this time.	
Dover Road North	Dover Road and Old Dover Road	Inflow channels have erosion	<ul style="list-style-type: none"> ■ Forebays at upstream inflows ■ Create wetland along inflows 	None at this time. Wetland marsh extended detention pond has been constructed by City.	
Maryvale No. 1	Maryvale Park, upstream of First Street – check dams in stream	Downstream erosion	<ul style="list-style-type: none"> ■ Create shallow marsh in overbanks ■ Create step-pools through stream reach 	Create forested stream buffer to asphalt path.	Recommended as improvement through Recreation & Parks Dept.
Maryvale No. 2	Maryvale Park, downstream of Crabb Ave. – dry pond	Ballfield corner remains wet after storms; downstream erosion	<ul style="list-style-type: none"> ■ SWM wet pond ■ SWM wetland 	None at this time.	Recreation needs outweighed SWM benefits
Northeast Park	Gude Drive and Norbeck Road	Riser is badly damaged, downstream channel is severely eroded	<ul style="list-style-type: none"> ■ Redesign riser ■ Create permanent wet pool ■ Increase storage ■ Add a hydrodynamic device 	Replace the damaged riser with a new concrete riser that provides 24-hr extended detention of the runoff. Create a micro-pond to help remove sediments.	<ul style="list-style-type: none"> ■ Creation of wetlands with micropool ■ No loss of trees due to construction ■ 0.7 acre trees will flood during some rain events
Redgate East	East of Avery Rd, just off of Redgate Golf Course		<ul style="list-style-type: none"> ■ Deepen pond ■ Create shallow marsh in overbanks 	None at this time.	
Redgate Irrigation	Redgate Golf Course between 3rd and 4th holes	Water quality is very poor and channel has minor erosion	<ul style="list-style-type: none"> ■ Enhance bank vegetation ■ Redesign riser ■ Excavate to increase storage ■ Develop pest management plan 	Enhance the bank vegetation using "no mow" areas and develop a pest management plan to address safe use of pesticides, herbicides and fertilizers	Riser will be rebuilt to current standards as part of needed repair; will be coordinated through Recreation & Parks Dept.
Redgate Northeast	Redgate Golf Course		<ul style="list-style-type: none"> ■ SWM wet pond ■ Create shallow marsh/wetland 	None at this time.	
Redgate Northwest	Redgate Golf Course		<ul style="list-style-type: none"> ■ Create shallow marsh/wetland ■ Bioretention 	None at this time.	
Redgate Southeast	Redgate Golf Course		<ul style="list-style-type: none"> ■ None - the drainage area is extremely small and no improvements could be made 	None at this time.	
Redgate Southwest	Redgate Golf Course, middle of the 16th hole	Riser is badly damaged, downstream channel is severely eroded	<ul style="list-style-type: none"> ■ Redesign riser ■ Obtain extended detention ■ Create permanent wet pool ■ Create forebay ■ Create micropool 	Replace the damaged riser with a new concrete riser that provides 24-hr extended detention of the runoff. Enhance the wetland vegetation.	<ul style="list-style-type: none"> ■ Enhancing wetland vegetation
Rockland Avenue	Adjacent to Rockland Commons		<ul style="list-style-type: none"> ■ Sand filter ■ Bioretention 	None at this time.	
Twinbrook Metro West	Adjacent to Twinbrook Metro Station	Overgrown vegetation and sediment	<ul style="list-style-type: none"> ■ SWM wet pond ■ SWM wetland ■ Shallow marsh/infiltration basin 	None at this time.	